Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 09 Feb 2023 until 23:59 on Friday 10 Feb 2023

Forecast Issued on Thursday 09 Feb 2023 at 00:27

Confidence: High confidence that the weather will be quite settled over the coming days with high pressure over Southern United Kingdom but uncertainties lie in cloud amounts and where there will be cloud breaks, also low confidence in the amount of mist and fog that will develop each night.

Headline for Thursday 09 Feb 2023: Dry and bright morning, increasingly cloudy later.

Mountain weather hazards on Thursday 09 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
00%	00%	10%	10%	10%	10%

Forecast for Thursday 09 Feb 2023

Weather: A bright and sunny morning for most but cloud increasing from the west through the afternoon, perhaps with an isolated shower, and cloud lowering over the higher hills later. Perhaps some mist and fog patches developing through the evening.

Chance of cloud-free hill tops above 600m: 90% falling to 70%, cloud lowering over the higher areas later in the day.

Low Cloud and visibility: A bright morning with excellent visibility and very little cloud below summit level, cloud will thicken and lower during the afternoon with some of the higher summits shrouded by mid-afternoon, scattered cloud tending to form around 500m and above. Visibility will turn hazier but still moderate or good later in the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 09 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/22 W	14/22 W	20/29 W	18/26 W	16/24 W	15/23 W	15/24 W
300	7/22 W	8/20 W	13/26 W	13/25 W	10/23 W	10/23 W	9/20 W
Valley	1/6 N	3/13 NW	11/23 W	10/21 W	5/15 W	4/15 W	5/15 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-0/-6	1/-5	2/-4	1/-4	1/-4	1/-4
300	1/-3	2/-2	4/-0	4/0	3/-1	3/-1	3/-0
Valley	0/-1	2/0	6/2	6/3	4/2	4/2	4/2
Freezing Level*	300m	500m	700m	700m	700m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh westerly winds continuing through the day and feeling quite fresh in the cool westerly airstream. Note freezing level gradually recovering above the summits later in the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 09 Feb 2023	0.4mm	0.8mm	0.8mm

Forecast for Friday 10 Feb 2023

Weather: Cloudy with some mist, rain and drizzle, rain heavy for a time in the west. Rain and drizzle dying out in the evening.

Maximum wind: Southwesterly 20-25mph gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 40% falling to 20%, low cloud in association with light rain and drizzle.

Low Cloud and visibility: Broken or extensive layers of low cloud above 400m are expected throughout the day, perhaps lifting and thinning during the evening, best chance of clearer periods towards the southern upland areas. Visibility will be quite hazy beneath the cloud in dry periods but turning poor or very poor in mist and drizzle.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius.
At 600m: Plus 1 Celsius rising to 4 Celsius.
Freezing level: 800m rising above all summits.

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